



## Biology Toolkit: Indicator 1.6.3

Student Handout: Biology: Indicator 1.6.3

### Goal 1.0 Skills And Processes

Expectation 1.6 The student will use mathematical processes.

Indicator 1.6.3 The student will express and/or compare small and large quantities using scientific notation and relative order of magnitude.

Public Release - Selected Response Item - Released in 2009

Biology Indicator 1.6.3

The table below compares the size of a bacterium and a virus.

How many times larger is the bacterium than the virus?

- A.  $1 \times 10^8$  times
- B.  $1 \times 10^5$  times
- C.  $1 \times 10^{-8}$  times
- D.  $1 \times 10^{-5}$  times

Correct Answer

- B.  $1 \times 10^5$  times

## Item

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